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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/752,015	12/29/2000	Peter Perthou	08914-009001	1179

7590

01/28/2002

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EXAMINER

BARRETT, SUZANNE LALE DINO

ART UNIT

PAPER NUMBER

3627

DATE MAILED: 01/28/2002

Please find below and/or attached an Office communication concerning this application or proceeding.

# Office Action Summary

Application No.  
**09/752,015**

Applicant(s)  
**Perthou**

Examiner  
**Suzanne Dino Barrett**

Art Unit  
**3627**



-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

## Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136 (a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

## Status

- 1) ☒ Responsive to communication(s) filed on Nov 19, 2001
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11; 453 O.G. 213.

## Disposition of Claims

- 4) ☒ Claim(s) 1-11 is/are pending in the application.
- 4a) Of the above, claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-11 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claims \_\_\_\_\_ are subject to restriction and/or election requirement.

## Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are objected to by the Examiner.
- 11) ☐ The proposed drawing correction filed on \_\_\_\_\_ is: a) ☐ approved b) ☐ disapproved.
- 12) ☐ The oath or declaration is objected to by the Examiner.

## Priority under 35 U.S.C. § 119

- 13) ☐ Acknowledgement is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d).
- a) ☐ All b) ☐ Some\* c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
  - ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \*See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgement is made of a claim for domestic priority under 35 U.S.C. § 119(e).

## Attachment(s)

- 15) ☒ Notice of References Cited (PTO-892) 18) ☐ Interview Summary (PTO-413) Paper No(s). \_\_\_\_\_
- 16) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948) 19) ☐ Notice of Informal Patent Application (PTO-152)
- 17) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s). \_\_\_\_\_ 20) ☐ Other:

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## DETAILED ACTION

### *Claim Rejections - 35 USC § 103*

1. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

2. Claim 1,2,4,6,7,9,11 are rejected under 35 U.S.C. 103(a) as being unpatentable over Chen 5,069,050 in view of Jung 4,903,514 and Momemers 4,523,443. Chen teaches a flexible band member 16 having a key ring 12 attached to one end. Jung teaches a keyholder comprising an intermediate member between the member 11 and key ring 15 in the form of a D-ring having a "V" shaped portion connecting one end of the band and the key ring. The D-ring further comprises a gap portion to be attached to the band and a clip means 20/21/22 to clamp the other end of the band together. Jung fails to teach a D-ring having a "U" shaped portion. Momemers teaches a similar keyring comprising a D-ring with a "U" shaped portion 3. It would have been considered an obvious matter of design choice to one of ordinary skill in the art to provide an intermediate member between the band and key ring of Chen as taught by Jung since it well known in the keyring art to provide as many intermediate members as desired due to the ease of attaching multiple rings together, and further to substitute a "U" shape for the "V" shaped D-ring

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of Jung since the varying shapes of rings are well known and there is no criticality afforded the U-shape..

Furthermore, the method limitations of claim 11 are considered inherent to the device of Chen, as modified by Jung and Momemers.

With regard to claims 2,4,7,9, Chen teaches a web material for a keyholder 16. It would have been obvious to one of ordinary skill in the art to modify the band of Jung to be a flexible web material as taught by Chen to be easier to handle and store.

3. Claims 3,5,8,10 are rejected under 35 U.S.C. 103(a) as being unpatentable over Chen in view of Jung and Momemers, as applied to claim 2 above, and further in view of Sheldon 4,601,185. Sheldon teaches a keyholder comprising a band 10 having a U-shaped or V-shaped D-ring at one end and a clamp 20 for the other end of the keyholder band. It would have been obvious to one of ordinary skill in the art to modify the clamp means 20/21/22 of Jung by providing a clip type clamp as taught by Sheldon as an obvious matter of design choice.

#### ***Response to Arguments***

4. Applicant's arguments with respect to claims 1-11 have been considered but are moot in view of the new ground(s) of rejection.

In response to Applicant's arguments, the previously cited Chen '050 reference is now applied against the claims as the primary reference teaching a flexible band and a keyring. It is

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well known in the keyholder art that multiple rings may be attached in series, as desired, to continually add more keys to the keyholder and thus, providing an intermediate member (or several) between the band and the keyring would have been considered obvious to one of ordinary skill in the art in order to accomodate more keys. Furthermore, Applicant's arguments regarding the method limitations of claim 11 are not persuasive. The assembly of the band , D-ring and keyring would have been considered inherent to the use of the device. Accordingly, claims 1-11 stand non-finally rejected under 35 USC 103.

### *Conclusion*

5. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Note the intermediate member 8 of Whitaker et al 6,141,999.

6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Suzanne Dino-Barrett whose telephone number is (703) 308-0825. The examiner can normally be reached on Monday-Thursday from 8:30 am to 6:00 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, BethAnne Dayoan, can be reached at (703) 308-3865.

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Submission of your response by facsimile transmission is encouraged. Group 3620's facsimile number is **(703) 305-3597**. Recognizing the fact that reducing cycle time in the processing and examination of patent applications will effectively increase a patent's term, it is to your benefit to submit responses by facsimile transmission whenever permissible. Such submission will place the response directly in our examining group's hands and will eliminate Post Office processing and delivery time as well as the PTO's mail room processing and delivery time. For a complete list of correspondence **not** permitted by facsimile transmission, see MPEP § 502.01. In general, most responses and/or amendments not requiring a fee, as well as those requiring a fee but charging such fee to a deposit account, can be submitted by facsimile transmission. Responses requiring a fee which applicant is paying by check **should not be** submitted by facsimile transmission separately from the check.

Responses submitted by facsimile transmission should include a Certificate of Transmission (MPEP § 512). The following is an example of the format the certification might take:

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(Typed or printed name of person signing this certificate)

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(Signature)

If your response is submitted by facsimile transmission, you are hereby reminded that the original should be retained as evidence of authenticity (37 CFR 1.4 and MPEP § 502.02). Please do not separately mail the original or another copy unless required by the Patent and Trademark Office. Submission of the original response or a follow-up copy of the response after your response has been transmitted by facsimile will only cause further unnecessary delays in the processing of your application; duplicate responses where fees are charged to a deposit account may result in those fees being charged twice.

Communications via Internet e-mail regarding this application, other than those under 35 U.S.C. 132 or which otherwise require a signature, may be used by the applicant and should be directed to [steven.meyers@uspto.gov](mailto:steven.meyers@uspto.gov).

All Internet e-mail communications will be made of record in the application file. PTO employees do not engage in Internet communications where there exists a possibility that sensitive information could be identified or exchanged unless the record includes a properly signed expressed waiver of the confidentiality requirements of 35 U.S.C. 122. This is more clearly set forth in the Interim Internet Usage Policy published

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in the Official Gazette of the Patent and Trademark on February 25, 1997 at 1195 OG  
89.

Any inquiry of a general nature relating to the status of this application should be  
directed to the group receptionist at (703) 308-2168.

sdb

January 24, 2002

A handwritten signature in black ink, appearing to read 'Suzanne Dino Barrett', with a stylized flourish at the end.

Suzanne Dino Barrett  
Primary Examiner